

UNITED STATES DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

PATENT

Application Number: 09/912,223

Inventor: HE, Ting

Filed: July 24, 2001

For: SUBSTRATES WITH SMALL PARTICLE SIZE METAL OXIDE AND NOBLE METAL  
CATALYST COATINGS AND THERMAL SPRAYING METHODS FOR PRODUCING  
THE SAME

Group Art Unit: 1754  
Examiner: Cam N. Nguyen

Atty. Docket No.: 3994994-131915-2

**By Facsimile on February 28, 2005 to 571-273-1357 and 703-872-9306**

**Attention: Group Art Unit 1754, Examiner Cam N. Nguyen**

[Mail Stop AF  
Commissioner of Patents  
P.O. Box 1450  
Alexandria VA 22313-1450]

**AMENDMENT AND RESPONSE  
TO THE OFFICIAL COMMUNICATION AND FINAL ACTION  
MAILED ON DECEMBER 30, 2004**

To the Honorable Commissioner:

**I. Introductory Comments**

In response to the official communication and final action mailed in this application on December 30, 2004, applicant submits the following amendment and response directed to the objections and rejection.

Entry of this amendment under 37 CFR 1.116, reconsideration, and the issue of this application is requested.

Serial Number 09/912,223 - filed July 24, 2001  
Amendment and Response to the Official Communication Mailed on December 30, 2004

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